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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:) Attorney Docket No.: F-113
Venkata Katikaneni, et al.) Group Art Unit: N/A
Serial No.: 09/973,458) Examiner: N/A
Filed: April 3, 2001) Date: January 9, 2002
Title: MAILING SYSTEM HAVING FLEXIBLE PRINTING OF MESSAGES

**PETITION AND FEE FOR FILING WHEN AN INVENTOR
REFUSES TO SIGN OR CANNOT BE REACHED (37 CFR §1.47)**

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Office of Petitions
Assistant Commissioner for Patents
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Sir:

This is a petition for completing the filing of and continued prosecution on the above captioned application. It is submitted in response to the Notice To File Missing Parts Of Application mailed on December 10, 2001. The Notice To File Missing Parts of Application indicates that the signature of one of the inventors, Venkata Katikaneni, is missing from the Oath and Declaration.

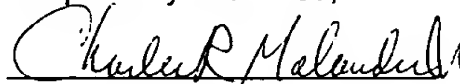
It is respectfully requested that: (i) prosecution of the above captioned application be continued on behalf of the non-signing inventor under 37 CFR §1.47(a); and (ii) prosecution of the above captioned application be controlled by the assignee, Pitney Bowes Inc. of Stamford, CT, owner of the entire interest of the above captioned application.

The above captioned application is a continuation of US Patent Application Serial No. 09/470,611, in which a similar petition was filed and approved.

A Statement of Facts in support of the above requests is attached. This is the same Statement of Facts that was submitted in the petition of US Patent Application Serial No. 09/470,611.

The fee for this petition is \$130.00 as defined in 37 CFR §1.17(i). Please charge this fee and any additional fees that may be required or credit any excess fees paid to Deposit Account Number 16-1885. A duplicate copy of this petition is attached.

Respectfully submitted,



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Reg. No. 31,038
Attorney of Record
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PITNEY BOWES INC.
Intellectual Property and
Technology Law
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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

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Pitney Bowes

Corporate Counsel
Intellectual Property and Technology Law

PITNEY BOWES CONFIDENTIAL
ATTORNEY/CLIENT PRIVILEGED
WORK PRODUCT PRIVILEGED

March 17, 2000

Mr. Venkata Katikaneni
59 Rennell Street, Unit 17
Bridgeport, CT 06604

Dear Mr. Katikaneni:

As we discussed, I am delighted to inform you that you have been named as an inventor in a patent application entitled **MAILING SYSTEM HAVING FLEXIBLE PRINTING OF MESSAGES** (Attorney Docket E-956) filed on December 22, 1999. In case you are unaware, Pitney Bowes has a patent award system that pays a cash bonus to all inventors named in a patent application. Even though you are no longer a Pitney Bowes employee, you are still eligible for the patent award since the subject matter of the patent application includes your contribution made while you were at Pitney Bowes.

Attached please find a copy of the patent application, including the specification, claims, abstract and drawings. Also attached is a Declaration and Power of Attorney and an Assignment which require your signatures. The patent application is for your reference in executing these documents. To properly execute these documents, please: 1) sign and date the Declaration and Power of Attorney in the locations indicated by the green tab; 2) sign and date the Assignment in the locations indicated by the green tab **IN THE PRESENCE OF A NOTARY**; and 3) have a Notary fill out the county and state, sign, date and affix his/her seal to the Assignment in the locations indicated by the blue tab. After the Notary and you have completed these steps, please place all the formal documents in the return envelope and mail directly to my attention.

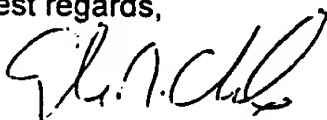
For your information, all patent applications are held in secret by the Patent Office until they finally mature into a patent. Additionally, all patent applications are held by Pitney Bowes as trade secrets until they are published by the Patent Office. Therefore, Pitney Bowes considers the subject matter of this patent application confidential and you are obligated to keep the contents of this patent application strictly confidential.

As a reminder, it is the execution and the return of these formal documents that initiates the issuance of the patent award check (\$500 before taxes). Therefore, the sooner I receive these documents, the sooner I will be able to have your patent award check forwarded. Additionally, the Patent Office requires the submission of these documents in a timely manner.

Per your request, I am having our office administrator produce a report listing all of your Invention Disclosures and their status. We will forward this report as soon as it is available.

Thank you for cooperation and if you have any questions, please do not hesitate to contact me at (203) 924-3844. I look forward to hearing from you soon.

Best regards,



Angelo N. Chaclos

Attachments

Patent Application (E-956)

Assignment

Declaration and Power of Attorney

Return Envelope

#4

MAILING SYSTEM HAVING FLEXIBLE
PRINTING OF MESSAGES

Cross Reference to Related Applications

This application is related to the following co-pending applications filed
5 on December 30 1998 and commonly assigned to the assignee of this
application: US Patent Application Number 09/224,256, entitled POSTAGE
PRINTING SYSTEM HAVING SUBSIDIZED PRINTING OF THIRD PARTY
MESSAGES (Attorney Docket No. E-796); US Patent Application Number
09/223,504, entitled POSTAGE PRINTING SYSTEM HAVING VARIABLE
10 SUBSIDIES FOR PRINTING OF THIRD PARTY MESSAGES (Attorney
Docket No. E-803) and US Patent Application Number 09/223,643, entitled
PRODUCTION MAIL SYSTEM HAVING SUBSIDIES FOR PRINTING OF
THIRD PARTY MESSAGES ON MAILPIECES (Attorney Docket No. E-806),
all of which are specifically incorporated herein by reference.

15

Field of the Invention

This invention relates generally to postage printing systems. More
particularly, this invention is directed to a mailing system including a transport
system for feeding envelopes in a path of travel, a printer for printing both
20 postage and third party messages, and a control system for coordinating the
feeding and printing of third party messages according to user defined
parameters.

Background of the Invention

Postage printing systems are well known in the art. A typical postage
25 meter (one example of a postage accounting system) stores and dispenses
postage. Evidence that postage has been dispensed is most often in the
form of a postal indicia that is printed on an envelope or other mailpiece. As

is well known, postage meters include an ascending register, that stores a running total of all postage dispensed by the meter, and a descending register, that holds the remaining amount of postage credited to the meter and that is reduced by the amount of postage dispensed during a transaction.

5 The postage meter generally also includes a control sum register that provides a check upon the descending and ascending registers. The control sum register has a running account of the total funds having been added into the meter. The control sum register must always correspond with the summed readings of the ascending and descending registers. Thus, the
10 control sum register is the total amount of postage ever put into the machine and it is alterable only when adding funds to the meter. In this manner, by inspecting the various registers and securing them from tampering, the dispensing of postal funds may be accurately recorded, tracked and accounted for.

15 More recently, postage printing systems have been developed where the accounting structure described above is no longer resident with the user and the printing portion of the postage printing system. Sometimes referred to as a "virtual postage meter", these types of postage printing systems dispense postage electronically over suitable communication channels (LAN,
20 WAN, telephone lines, Internet, etc.). The user maintains an account with a remotely located data center (maintained by an authorized postage meter manufacturer) and receives postage securely using appropriate electronic data interchange techniques. At a later time, the user is invoiced for the amount of postage dispensed and any other fees associated with maintaining
25 the account with the data center. Oftentimes, a secret code or token is derived from information particular to the mailpiece (the indicated postage amount, date, recipient address information, etc.) and is incorporated or embedded into the postal indicia for later use by a postal authority in verifying the integrity of the postal indicia. Examples of such systems are described in
30 U.S. Patent No. 4,725,718 and U.S. Patent No. 5,454,038.

Generally, the postage metering functionality may also be integrated within a mailing machine. Mailing machines, also well known in the art, are typically employed to automate the handling of the mailpieces so as to increase the efficiency of producing large batches of mailpieces. Mailing machines are readily available from manufacturers such as Pitney Bowes Inc. of Stamford, CT, USA and often include a variety of different labor saving modules. The typical mailing machine may includes a variety of different modules or sub-systems where each module performs a different task on the mailpiece, such as: singulating (separating the mailpieces one at a time from a stack of mailpieces), weighing, sealing (wetting and closing the glued flap of an envelope), applying evidence of postage, accounting for postage used (performed by the postage meter), feeding roll tape or cut tape strips for printing and stacking finished mailpieces. However, the exact configuration of each mailing machine is particular to the needs of the user. Customarily, the mailing machine also includes a transport apparatus, which feeds the mailpieces in a path of travel through the successive modules of the mailing machine.

It is also known to print selected messages (sometimes referred to as ad slogans although such messages are not necessarily restricted to advertisements) along with the postal indicia. In traditional systems employing either rotary drum or flat bed printing technology, the message is printed along with the postal indicia by including an additional printing die representative of the message. These dies are typically costly to manufacture, difficult to distribute and cumbersome to remove or install. Also, due to physical space requirements, there are practical limits as to the number of message dies that are readily available for printing. Examples of die based systems for printing messages are disclosed in U.S. Patent No. 5,168,804 and U.S. Patent No. 5,024,153. More recently, the industry has begun to incorporate digital (dot matrix) printing technology which obviates the need for dies as the digital printer may be supplied with suitable drive

signals to effect printing of the message. Thus, a graphical representation of the message may be stored in memory and used by a digital printer to print the message. Examples of digital printing technology based systems for printing messages are disclosed in U.S. Patent No. 4,831,554 and U.S.

5 Patent No. 5,509,109.

Although such prior art postage printing systems described above work generally well, they suffer from certain drawbacks and disadvantages. First, the ad slogan and the postal indicia bear a fixed spatial relationship in that the ad slogan appears to the immediate left of the postal indicia. Thus, the
10 operator does not have much flexibility over the location of the ad slogan. Only by adjusting the location of the postal indicia does the ad slogan move in kind. Second, when dedicated printers are employed, the print swath is typically only as wide as the postal indicia. Thus, there is no ability to print the ad slogan in a print swath coincident with the postal indicia.

15 Therefore, there is a need for an improved postage printing system that allows the operator more flexibility and options for locating the ad slogan with respect to the postal indicia. More particularly, there is a need for a cost effective system that accommodates such flexibility in a reliable manner.

Summary of the Invention

20 The present invention provides a system and method for improving the flexibility of printing ad slogans on envelopes. Generally, this is accomplished by having the operator indicate a selected print location for the ad slogan and feeding the envelope through the postage printing system a second time, if necessary, to print the ad slogan in the selected print location.

25 In accordance with the present invention, there is provided a postage printing system including a transport device for feeding an envelope in a path of travel through the postage printing system, a printer for printing a postal indicia and an ad slogan on the envelope, and a control system in operative communication with the transport device and the printer. The control system

obtains an indication from an operator of a selected print location for the ad slogan and determines if the postal indicia and the ad slogan may be printed in a single pass through the postage printing system.

In accordance with the present invention, a method of operating a
5 postage printing system is also provided.

Therefore, it is now apparent that the present invention substantially overcomes the disadvantages associated with the prior art. Additional advantages of the invention will be set forth in the description that follows, and in part will be obvious from the description, or may be learned by practice
10 of the invention. The objects and advantages of the invention may be realized and obtained by means of the instrumentalities and combinations particularly pointed out in the appended claims.

Brief Description of the Drawings

The accompanying drawings, which are incorporated in and constitute
15 a part of the specification, illustrate presently preferred embodiments of the invention, and together with the general description given above and the detailed description of the preferred embodiments given below, serve to explain the principles of the invention. As shown throughout the drawings, like reference numerals designate like or corresponding parts.

20 Fig. 1 is a perspective view of a postage printing system in which the present invention may be incorporated.

Fig. 2 is a simplified schematic of a front elevational view of the postage printing system in incorporating the present invention.

Fig. 3 is a simplified schematic representation of a plan view of a
25 printer module in accordance with the invention.

Fig. 4A is a front view of an envelope.

Fig. 4B is a rear view of an envelope.

Fig. 4C is a front view of an envelope having a postal indicia and an ad slogan printed thereon in accordance with the present invention.

Fig. 5 is a flow chart showing the operation of the postage printing system in accordance with the present invention.

Detailed Description of the Preferred Embodiments

Referring to Fig. 1, an example of a postage printing system 10, indicative of one example of mailing machine, in which the present invention may be incorporated is shown. Referring to Fig. 1 and 2, the postage printing system 10 includes a printer module 100, a conveyor apparatus 200, a micro control system 300, a singulator module 400 and a user interface 380 for providing communication between an operator and the postage printing system 10. Other modules of the postage printing system 10, such as those described above, have not been shown for the sake of clarity. The singulator module 400 receives a stack of envelopes (not shown), or other mailpieces such as postcards, folders and the like, and separates and feeds them in seriatim fashion (one at a time) in a path of travel as indicated by arrow A. Generally, a top edge (not shown) of the envelope 20 is aligned with a registration wall 12 so that postal indicia (not shown) and ad slogans (not shown) that are subsequently printed are not skewed on the envelope 20. The conveyor apparatus 200 feeds the envelopes 20 in the path of travel along a deck 240 past the printer module 100 so that a postal indicia can be printed on each envelope 20. Together, the singulator module 400 and the conveyor module 200 make up a transport apparatus for feeding the envelopes 20 through the various modules of the postage printing system 10.

The micro control system 300 may be of any suitable combination of microprocessors, firmware and software. The micro control system 300 includes a motor controller 310 which is in operative communication with the motors 260 and 470, a printer controller 320 which is in operative communication with a printer module 100, a sensor controller 330 which is in operative communication with a sensor module 500 and a scanner module 550; an accounting module 340 for authorizing and accounting for the

dispensing of postal funds; a microprocessor 360; and the user interface 380. The motor controller 310, the printer controller 320, the sensor controller 330, the accounting module 340 and other various components of the micro control system 300 are all in operative communication with each other over
5 suitable communication lines. Generally, the microprocessor 360 coordinates the operation and communications between the various modules of the postage printing system 10 and the components of the micro control system 300.

The singulator module 400 includes a feeder assembly 410 and a
10 retard assembly 430 which work cooperatively to separate a batch of envelopes (not shown) and feed them one at a time to a pair of take-away rollers 450. The feeder assembly 410 includes a pair of pulleys 412 having an endless belt 414 extending therebetween. The feeder assembly 410 is operatively connected to a motor 470 by any suitable drive train which causes
15 the endless belt 414 to rotate clockwise so as to feed the envelopes in the direction indicated by arrow A. The retard assembly 430 includes a pair of pulleys 432 having an endless belt 434 extending therebetween. The retard assembly 430 is operatively connected to any suitable drive means (not shown) which causes the endless belt 434 to rotate clockwise so as to
20 prevent the upper envelopes in the batch of envelopes from reaching the take-away rollers 450. In this manner, only the bottom envelope in the stack of envelopes advances to the take-away rollers 450. Those skilled in the art will recognize that the retard assembly 430 may be operatively coupled to the same motor 470 as the feeder assembly 410.

25 Since the details of the singulator module 400 are not necessary for an understanding of the present invention, no further description will be provided. However, an example of a singulator module suitable for use in conjunction with the present invention is described in U.S. Patent Number 4,978,114, entitled REVERSE BELT SINGULATING APPARATUS, the disclosure of
30 which is specifically incorporated herein by reference.

The take-away rollers 450 are located adjacent to and downstream in the path of travel from the singulator module 400. The take-away rollers 450 are operatively connected to motor 470 by any suitable drive train (not shown). Generally, it is preferable to design the feeder assembly drive train and the take-away roller drive train so that the take-away rollers 450 operate at a higher speed than the feeder assembly 410. Additionally, it is also preferable that the take-away rollers 450 have a very positive nip so that they dominate control over the envelope 20. Consistent with this approach, the nip between the feeder assembly 410 and the retard assembly 430 is suitably designed to allow some degree of slippage.

The postage printing system 10 further includes a sensor module 500 and a scanning module 550. The sensor module 500 is substantially in alignment with the nip of take-away rollers 450 for detecting the presence of the envelope 20. Preferably, the sensor module 500 is of any conventional optical type, which includes a light emitter 502 and a light detector 504. Generally, the light emitter 502 and the light detector 504 are located in an opposed relationship on opposite sides of the path of travel so that the envelope 20 passes therebetween. By measuring the amount of light that the light detector 504 receives, the presence or absence of the envelope 20 can be determined. Generally, by detecting the front running (furthest downstream) and lagging (furthest upstream) edges of the envelope 20, the sensor module 500 provides signals to the micro control system 300 which are used to determine the length of the envelope 20 and measure the gap between successive envelopes 20. Other purposes will be described in greater detail below.

The scanning module 550 is substantially aligned along the path of travel and locates previously printed images on the envelope 20. Preferably, the scanning module 550 is of any conventional type, such a laser imaging system or a charge couple device (CCD) array. The scanning module 550 includes a first scanner 552 and a second scanner 554 located in opposed

relationship on opposite sides of the path of travel so that the envelope 20 passes therebetween. By scanning the front surface of the envelope 20 with the first scanner 552 and the rear surface of the envelope 20 with the second scanner 554, the presence or absence of printed images on the envelope 20 may be determined. Further details above the operational characteristics of the scanner module 550 will be provided below.

The conveyor apparatus 200 includes an endless belt 210 looped around a drive pulley 220, an encoder pulley 222 which is located downstream in the path of travel from the drive pulley 220 and proximate to the printer module 100 and an encoder system 270 operatively coupled to the encoder pulley 222. The drive pulley 220 and the encoder pulley 222 are substantially identical and are fixably mounted to shafts 244 and 246, respectively, which are in turn rotatively mounted to any suitable structure (not shown) such as a frame. The drive pulley 220 is operatively connected to a motor 260 by any conventional means such as intermeshing gears (not shown) or a timing belt (not shown) so that when the motor 260 rotates in response to signals from the micro control system 300, the drive pulley 220 also rotates which in turn causes the endless belt 210 to rotate and advance the envelope 20 along the path of travel.

The conveyor apparatus 200 further includes a plurality of idler pulleys 232, a plurality of normal force rollers 234 and a tensioner pulley 230. The tensioner pulley 230 is initially spring biased and then locked in place by any conventional manner such as a set screw and bracket (not shown). This allows for constant and uniform tension on the endless belt 210. In this manner, the endless belt 210 will not slip on the drive pulley 220 when the motor 260 is energized and caused to rotate. The idler pulleys 232 are rotatively mounted to any suitable structure (not shown) along the path of travel between the drive pulley 220 and the encoder pulley 222. The normal force rollers 234 are located in opposed relationship and biased toward the idler pulleys 232, the drive pulley 220 and the encoder pulley 222,

respectively. For clarity, only one of the idler pulleys 232 has been shown with the biasing structure.

As described above, the normal force rollers 234 work to bias the envelope 20 up against the deck 240. This is commonly referred to as top surface registration, which is beneficial for ink jet printing. In the area of the print module 100, a registration shield 250 and a registration ski 262, the details of which are provided below, are utilized to define the print gap between the top surface of the envelope 20 and the array of nozzles (not shown). The conveyor apparatus 200 feeds the envelope 20 so that it passes between the registration shield 250 and the registration ski 262. The registration shield 250 is fixably mounted to any suitable structure such as a frame (not shown). On the other hand, the registration ski 262 is pivotably mounted along its span to one end of a ski arm 282 while the other end of the ski arm 282 is pivotably mounted to any suitable structure such as a frame (not shown). A torsion spring (not shown) biases the registration ski 262 upward toward the registration shield 250. In this manner, any variation in thickness of the envelope 20 is taken up by the deflection of the normal force rollers 234 and the registration ski 262. Thus, a constant print gap is set between the envelope 20 and the printer module 100 no matter what the thickness of the envelope 20. The constant print gap is optimally set to a desired value to achieve quality printing. It is important to note that the deck 240 contains suitable openings (not shown) for the endless belt 210 and normal force rollers 234.

The user interface 380 includes a numeric keypad 382, a set of keys 383, a display 384 (CRT, LED, LCD, or otherwise), a set of function keys 385 and a set of menu keys 387. The keys 383 provide access to a set of "soft" commands or functions, such as: enter, clear, download postage, generate report, account setup, diagnostics and the like. By soft commands, it is meant that these commands are not directly related to processing a batch of mailpieces. In contrast, the function keys 385 provide access to a set of

"hard" commands, such as: start, stop, print tape, reset batch counter, weigh mode on/off, sealer/moistener mode on/off and the like, which are directly related to processing a batch of mailpieces. The menu keys 387 are aligned with a portion of the display 384 so as to facilitate the selection of various
5 menus and options by the operator.

Referring to Fig. 3, in the preferred embodiment, the printer module 100 includes a maintenance assembly 130, a carriage 120, a first ink jet cartridge 110a having an array of nozzles 112a and a second ink jet cartridge 110b having an array of nozzles 112b, both of which are separately
10 detachably mounted to the carriage 120 by any conventional means. Those skilled in the art will recognize that a single cartridge of sufficient print length and/or a print head having a remote ink supply may be employed. An outline of the registration ski 262 is shown in phantom (for the sake of clarity) so as to provide an indication of its relationship to the registration shield 250 and
15 the cartridges 110a and 110b.

The maintenance assembly 130 operates to wipe and cap the cartridges 110a and 110b in conventional fashion and includes a pair of wiper blades 132a and 132b and an associated pair of caps 134a and 134b. Each corresponding to the arrays of nozzles 112a and 112b, respectively. When
20 the carriage 120 is in the maintenance position, the maintenance assembly 130 can be actuated so that wiper blade 132a swabs the array of nozzles 112a so as to remove any excess ink from the face plate of the array of nozzles 112a.

Those skilled in the art will understand that the printer module 100
25 further includes appropriate systems for bringing the cartridges 110a and 110b into operative engagement with the maintenance assembly 130 and for repositioning the carriage 120 in the direction indicated by double sided arrow B between a home position in engagement with the maintenance assembly 130 and a print position. In the print position, the cartridges 110a and 110b
30 are located over the registration shield 250 so as to print on the envelope 20.

Referring to Figs. 4A and 4B, an envelope 20 having an example of a postal indicia 30 printed thereon is shown. Items that are hidden from view are shown in phantom lines to facilitate understanding of the views. The envelope 20 includes a main body, having a front face 20F and a rear face 20R, and a flap 22. The postal indicia 30 is printed in the upper right hand corner of the envelope's front face 20F as required by most postal authorities. Furthermore, the envelope 20 has a plurality of edges, including a lead edge 20a, a top edge 20b, a trail edge 20c and a bottom edge 20d. In conventional fashion, the envelope 20 may include a sender or return address (not shown) in the upper left hand corner of the envelope's front face 20F and a recipient address (not shown) located somewhat centrally on the envelope's front face 20F.

However, that portion of the envelope 20 that is not occupied by the postal indicia 30 or regulated by the postal authority is available for printing of messages. On the envelope's front face 20F, a plurality of print locations 40a-40f exist. A first set of front face print locations 40a-40c are aligned along the top edge 20b of the envelope 20; the print location 40a is adjacent to the postal indicia 30; the print location 40b is center justified over the length of the envelope 20; and the print location 40c is left justified with respect to the trailing edge 20c of the envelope 20. A second set of front face print locations 40d-40f are aligned along the bottom edge 20d of the envelope 20, the print location 40d is right justified with respect to the leading edge 20a of the envelope 20; the print location 40e is center justified over the length of the envelope 20; and the print location 40f is left justified with respect to the trailing edge 20c of the envelope 20. On the envelope's rear face 20R, a plurality of print locations 42a-42f exist. A first set of rear face print locations 42a-42c are aligned along the top edge 20b of the envelope 20; the print location 42a is right justified with respect to the trailing edge 20c of the envelope 20; the print location 42b is center justified over the length of the envelope 20; and the print location 42c is left justified with respect to the

leading edge 20a of the envelope 20. A second set of rear face print locations 42d-42f are aligned along the bottom edge 20d of the envelope 20, the print location 42d is right justified with respect to the trailing edge 20c of the envelope 20; the print location 42e is center justified over the length of the envelope 20; and the print location 42f is left justified with respect to the leading edge 20a of the envelope 20.

With the structure of the postage printing system 10 described as above, the operational characteristics will now be described with respect to processing an envelope 20 where a postal indicia and an ad slogan 50 are printed thereon. Referring primarily to Fig. 5 while referencing the structure of Figs. 1, 2, 3, 4A, 4B and 4C a flow chart of a control system algorithm 500 in accordance with the present invention is shown. The algorithm 50 may be executed by any suitable combination of software, firmware and hardware subsystems by the micro control system 300. At 502, the postage printing system 10 enters ad slogan printing mode in response to an appropriate input from the operator via the user interface 380. Next, at 504, the operator indicates a selected one of the plurality of print locations 40a-40f and 42a-42f for the ad slogan 50. This is most effectively accomplished by having the display 384 provide the operator with a graphical representation of the plurality of print locations 40a-40f and 42a-42f with respect to the postal indicia 30 and having the operator make a selection using the keypad 382.

Next, at 506, a determination is made if the selected print location is within the first set of front face print locations 40a-40c. If yes, then at 508, the postage printing system 10 informs the operator that only one pass through the postage printing system 10 is required and to commence feeding the envelope 20 when ready. Next, at 510, the envelope 20 is fed through the postage printing system 10 as described above. Next, at 512, the postal indicia 30 is printed on the envelope 20. Using the sensor module 500, the postage printing system 10 detects a front running edge (the edge further downstream in the path of travel) of the envelope 20. So as to print the postal

indicia 30, the front running edge is the lead edge 20a of the envelope 20. The postage printing system 10 via the micro control system 300 coordinates operation of the printer module 100 with the conveyor apparatus 200 so that the postal indicia 30 is properly printed in proximity to the lead edge 20a of the envelope 20. Next, at 514, the ad slogan 50 is printed on the envelope in the selected print location that is one of print locations 40a, 40b and 40c. For print location 40a, the postage printing system 10 commencing printing of the ad slogan 50 once printing of the postal indicia 30 is completed. For print locations 40b and 40c, the postage printing system 10 uses the sensor module 500 to detect the lead edge 20a (front running) and the trail edge 20c (lagging) of the envelope 20. From this information, the postage printing system 10 knows the length of the envelope 20 and can coordinate operation of the printer module 100 with the conveyor apparatus 200 accordingly so that the postal indicia 30 is properly printed in the selected location.

On the other hand, if at 506 the answer is no, then at 520 the postage printing system 10 informs the operator via the user interface 380 that two (2) passes through the postage printing system 10 are required and that postage printing will occur first. Next, at 522, the operator feeds the envelope 20 through the postage printing system 10 as described above. Next, at 524, the postal indicia 30 is printed on the envelope 20 in proximity to the lead edge 20a of the envelope 20 as described above. Next, at 526, the postage printing system 10 prompts the operation via the user interface 380 to feed the envelope 20 one more time. Preferably, to assist in avoiding operator error, the display 384 provides the operator with a graphical representation of the orientation at which the envelope 20 should be fed so as to be able to comply with the printing the ad slogan 50 at the selected location. For example, the graphical representation may include the registration wall, an arrow indicating the direction of the path of travel, and an envelope having the postal indicia 30 shown thereon. If the front face 20F of the envelope 20 is to be fed facing up, then the flap 22 is not shown. On the other hand, if the rear

face 20R of the envelope is to be fed facing up, then the flap 22 is shown and the postal indicia 30 may be shown in phantom or dim lines. Next, at 528, the envelope 20 is fed in the path of travel past the sensor module 500 and the scanner module 550. As describe above, the sensor module detects the front
5 running edge (which may be either the lead edge 20a or the trail edge 20c depending upon the orientation at which the envelope 20 was fed) of the envelope 20. Next, at 530, the scanner module 550 activates the first scanner 552 and a second scanner 554 to detect the postal indicia 30. Next, at 532, the postage printing system 10 determines the feed orientation of the
10 envelope 20. This is achieved by the following. Whether the postal indicia 30 is detected by the first scanner 552 or the second scanner 554 informs the postage printing system 10 whether the envelope 20 was fed with the front face 20F up or down. Also, using the detected position of the postal indicia 30 with respect to the front running edge of the envelope 20 informs the
15 postage printing system 10 whether the lead edge 20a or the trail edge 20c is further down stream. Thus, the postage printing system 10 may determine the fed orientation of the envelope 20. Next, at 534, a determination is made whether or not the feed orientation corresponds to an anticipated orientation that is based upon the selected print location for the ad slogan. If yes, then at
20 536 the ad slogan 50 is printed on the envelope 20, using analogous techniques to those described above, in the selected print location that is one of print locations 40d, 40e, 40f, 42a, 42b, 42c, 42d, 42e and 42f based upon the input from the operation. For print locations 40d, 40e, 40f, 42d, 42e and 42f, the envelope 20 is fed so that the bottom edge 20d is aligned with the
25 registration wall 12. As a result, the graphics associated with the ad slogan 50 will be printed upside down so that when the envelope 20 is viewed by the intended recipient, the ad slogan in these positions will appear right side up.

On the other hand, if at 534 the answer is no, then at 540 the postage printing system 10 the elects not to print the ad slogan 50 and the envelope
30 20 is fed out of the postage printing system 10. Next, at 542, the postage

printing system 10 prompts the operator to verify the selected print location and the fed orientation or cancel ad slogan printing. At this point, the operator may be given an opportunity to change the selected print location. If the operator does not cancel ad slogan printing and the operator elects to
5 continue, then the algorithm 500 proceeds to 526 for another attempt at printing the ad slogan 50.

Based on the above description and the associated drawings, it should now be apparent that the present invention provides a solution to increasing ad slogan printing flexibility by providing increased locations where ad
10 slogans may be printed while not: (i) adding expense to the printer module 100 by including a longer print head array that covers the entire height of the envelope 20; or (ii) adding expense and complexity to the printer module 100 by having the carriage 120 reposition relative to the registration wall 12 so as to print in the print locations along the bottom edge 20d of the envelope 20.

15 Many features of the preferred embodiment represent design choices selected to best exploit the inventive concept as implemented in a particular postage printing environment. However, those skilled in the art will recognize that various modifications can be made without departing from the spirit of the present invention. For example, the postage printing system 10 may employ
20 an ad slogan only printing mode for those occasions where there is no need to print postage, such as when using pre-printed envelopes with permit based forms of postal payment or when postage is not required (inter company delivery). As another example, the system above has been described with respect to processing a single envelope 20. However, it should be
25 appreciated that the envelopes 20 may be processed in batch mode as is typically done in a mailing machine environment. As yet another example, the scanner module 550 need not be employed at all. However, the result would be an increased risk of operator error. As yet still another example, the scanner module 550 could scan for some other distinguishing characteristic of
30 the envelope 20 instead of the indicia 30, such as the envelope flap 22. As a

further example, the ad slogan 50 could be printed first. In this way, if an error occurred and the envelope 20 had to be destroyed, no postage would be lost. As a still further example, the printer module 100 may employ any suitable print technology, such as: wire matrix, thermal transfer, laser and the like. As yet still a further example, the print locations 40a-40f and 42a -42f are merely illustrative. Those skilled in the art will recognize that any location along the top edge 20b and bottom edge 20d may be designated by the operator.

The examples listed above are not intended to be exhaustive of the types of modifications to the preferred embodiments that will readily occur to those skilled in the art, but are in stead are merely illustrative. Therefore, the inventive concepts of the present invention in their broader aspects are not limited to the specific details of the preferred embodiments described above, but are defined by the appended claims and their equivalents.

What is Claimed is:

1. A postage printing system, comprising:
 - a transport device for feeding an envelope in a path of travel through the postage printing system;
 - a printer capable of printing a postal indicia and an ad slogan on the envelope;
 - a control system in operative communication with the transport device and the printer, the control system for:
 - obtaining an indication from an operator of a selected print location for the ad slogan; and
 - determining if the postal indicia and the ad slogan may be printed in a single pass through the postage printing system.
2. The postage printing system of claim 1, wherein:
 - if the control system determines that the postal indicia and the ad slogan cannot be printed in a single pass through the postage printing system, then the postal indicia is printed in one pass through the postage printing system and the ad slogan is printed in another pass through the postage printing system.
3. The postage printing system of claim 2, wherein:
 - before the another pass through the postage printing system, the control system provides the operator with an indication of an anticipated orientation of feeding the envelope through the postage printing system based upon the selected print location.
4. The postage printing system of claim 3, further comprising:
 - a scanner for detecting a distinguishing characteristic of the envelope;
 - and

wherein:

during the another pass, the control system is further for:

using the scanner to determine a fed orientation of the envelope;

comparing the fed orientation with the anticipated orientation;

and

bypassing printing of the ad slogan if the fed orientation and the anticipated orientation do not correspond.

5. The postage printing system of claim 4, wherein:
the one pass occurs prior to the another pass; and
the distinguishing characteristic of the envelope is the postal indicia.
6. The postage printing system of claim 5, wherein:
the postal indicia is printed along a top edge of the envelope; and
if the selected print location is along a bottom edge of the envelope,
then the control system prints the ad slogan upside down so that
the postal indicia and the ad slogan both read right side up when
the envelope is viewed properly.
7. A method of operating a postage printing system, the method
comprising the step(s) of:
feeding an envelope in a path of travel through the postage printing
system;
printing a postal indicia and an ad slogan on the envelope;
obtaining an indication from an operator of a selected print location for
the ad slogan; and
determining if the postal indicia and the ad slogan may be printed in a
single pass through the postage printing system.

8. The method of claim 7, wherein:
if the the postal indicia and the ad slogan cannot be printed in a single pass through the postage printing system, then the postal indicia is printed in one pass through the postage printing system and the ad slogan is printed in another pass through the postage printing system.
9. The method of claim 8, further comprising the step(s) of:
before the another pass through the postage printing system, providing the operator with an indication of an anticipated orientation of feeding the envelope through the postage printing system based upon the selected print location.
10. The method of claim 3, further comprising the step(s) of:
detecting a distinguishing characteristic of the envelope; and
during the another pass:
determining a fed orientation of the envelope based on
detecting the distinguishing characteristic;
comparing the fed orientation with the anticipated orientation;
and
bypassing printing of the ad slogan if the fed orientation and the anticipated orientation do not correspond.
11. The method of claim 10, wherein:
the one pass occurs prior to the another pass; and
the distinguishing characteristic of the envelope is the postal indicia.
12. The method of claim 5, wherein:
the postal indicia is printed along a top edge of the envelope; and
further comprising the step(s) of:

if the selected print location is along a bottom edge of the envelope,
printing the ad slogan upside down so that the postal indicia and
the ad slogan both read right side up when the envelope is viewed
properly.

MAILING SYSTEM HAVING FLEXIBLE
PRINTING OF MESSAGES

Abstract of the Invention

A postage printing system includes a transport device for feeding an
5 envelope in a path of travel through the postage printing system, a printer for
printing a postal indicia and an ad slogan on the envelope, and a control
system in operative communication with the transport device and the printer.
The control system obtains an indication from an operator of a selected print
location for the ad slogan and determines if the postal indicia and the ad
10 slogan may be printed in a single pass through the postage printing system.

AND we do hereby covenant for ourselves and our legal representatives and agree with said corporation, its successors and assigns, that we have granted no right or license to make, use or sell said invention to anyone except said corporation, that, prior to the execution of this deed, our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals:

Venkata Katikaneni

Date

Angelo N. Chaclos

Date

ACKNOWLEDGMENTS

State of _____ (State)

) ss. _____ (Town)

County of _____ (County)

On this _____ day of _____, 2000, personally appeared before me the above-named Venkata Katikaneni to me known and known by me to be the person described in and who executed the foregoing instrument, and subscribed the same in my presence, and acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.

NOTARY PUBLIC

State of Connecticut)

) ss. Shelton

County of Fairfield)

On this ____ day of _____, 2000, personally appeared before me the above-named Angelo N. Chaclas to me known and known by me to be the person described in and who executed the foregoing instrument, and subscribed the same in my presence, and acknowledged the same to be his/her free act and deed in and for the purposes set forth in said instrument.

NOTARY PUBLIC

As below named inventors, we hereby declare that:

our residences, post office addresses and citizenships are as stated below next to our names;

we believe that we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled

MAILING SYSTEM HAVING FLEXIBLE PRINTING OF MESSAGES

described and claimed in the attached specification;

we have reviewed and understand the contents of the above-identified specification, including the claims;

we acknowledge our duty to disclose to the Patent and Trademark Office all information known to us to be material to the patentability of this application as defined in Title 37, Code of Federal Regulations, section 1.56; and

we do not know and do not believe the invention was ever known or used in the United States of America before our invention thereof, or patented or described in any printed publication in any country before our invention thereof or more than one year prior to this application, that the invention was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on any application filed by us or our legal representatives or assigns more than twelve months prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by us or our legal representatives or assigns.

We hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith;

Angelo N. Chaclas
Michael E. Melton
David E. Pitchenik
Robert E. Meyer

Reg. No. 39,134
Reg. No. 32,276
Reg. No. 24,020
Reg. No. 26,307

Address all telephone calls to Angelo N. Chaclas
at telephone No.: (203) 924-3844.

Address all correspondence to:

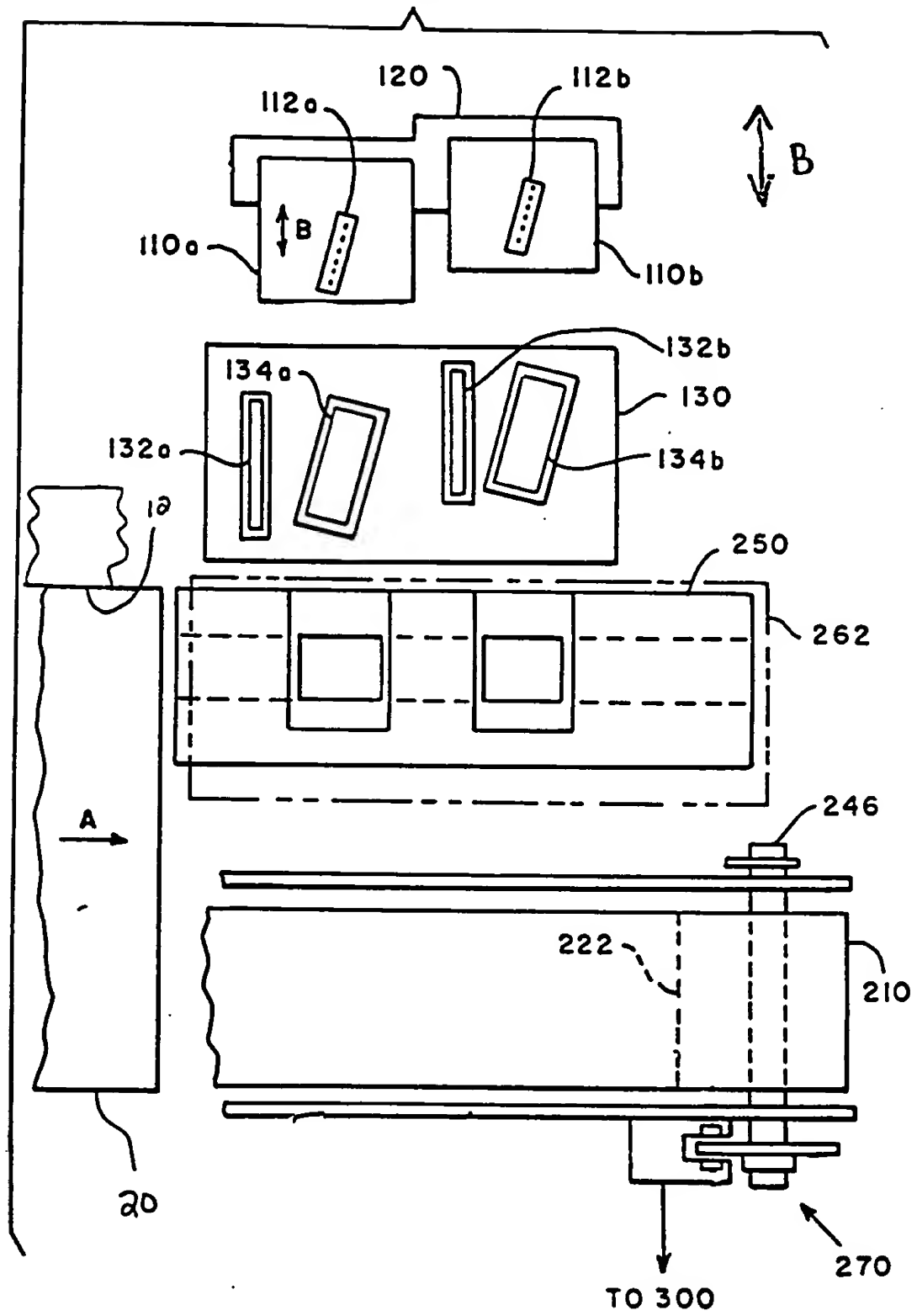
Angelo N. Chaclas
Pitney Bowes Inc.
Intellectual Property and
Technology Law Department
35 Waterview Drive
P.O. Box 3000
Shelton, CT 06484

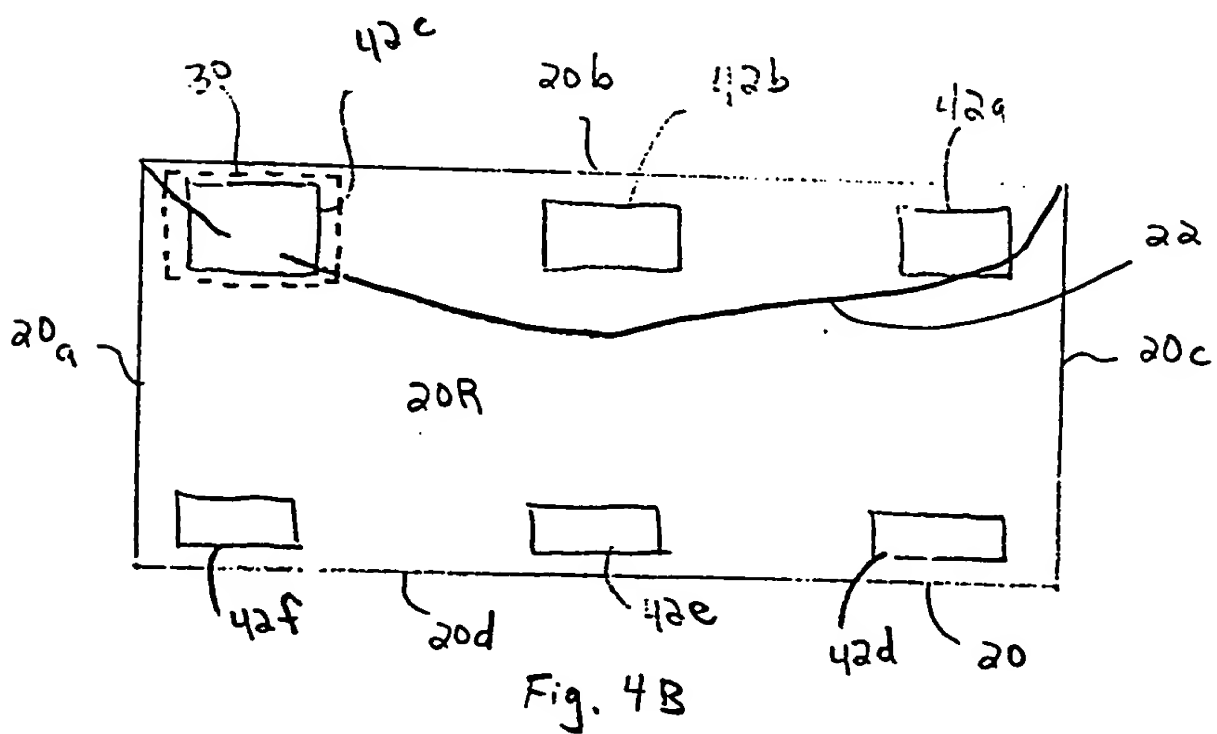
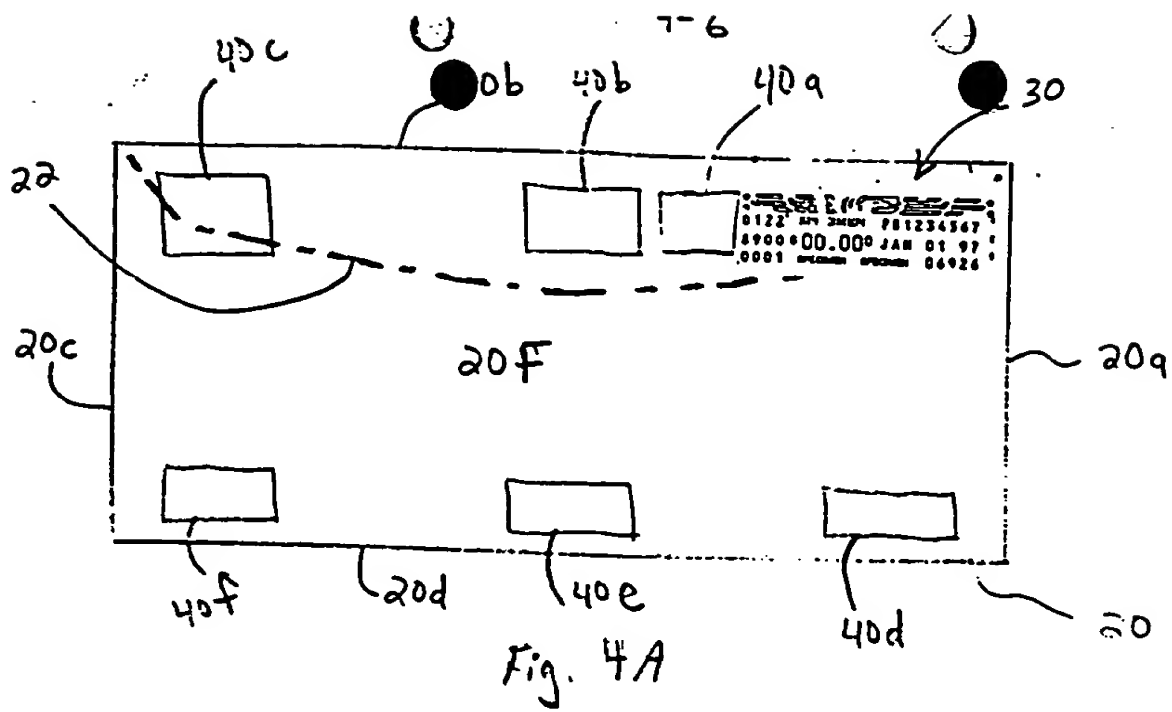
We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name	Last Katikaneni	First Venkata	Middle	
Residence & Citizenship	City Edison	State NJ	Citizenship	
Post Office Address	Street Address 512 Limelight Ct Edison, NJ 08820	City Edison	State NJ	Zip Code 08820
Signature of Inventor			Date	

FULL NAME	Last Chaclas	First Angelo	Middle N	
Residence & Citizenship	City Southbury	State CT	Citizenship USA	
Post Office Address	Street Address 471 Old Poverty Road Southbury, CT 06488	City Southbury	State CT	Zip Code 06488
Signature of Inventor			Date	

FIG. 3





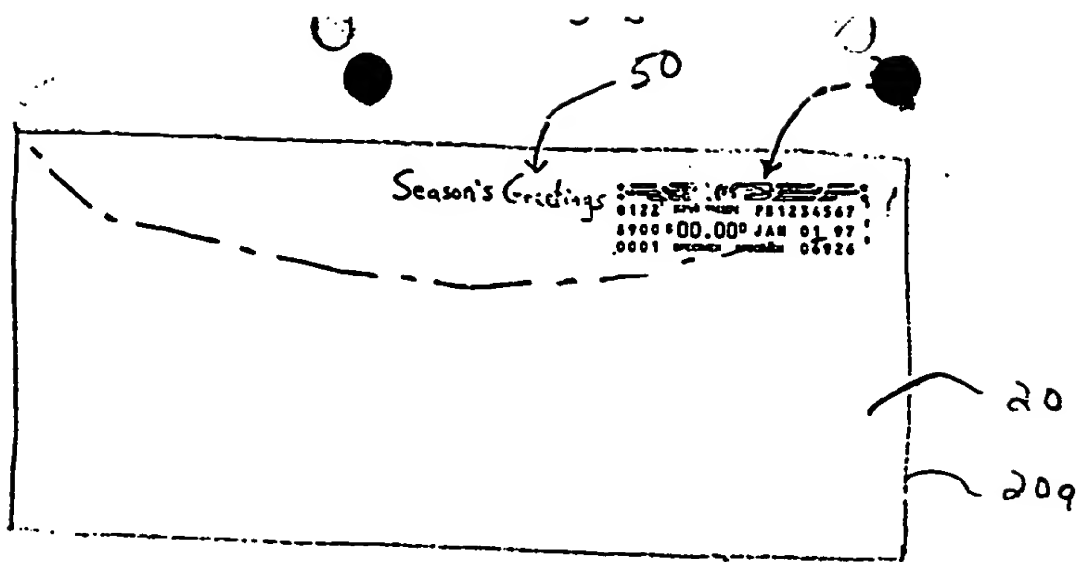
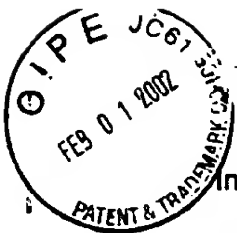


Fig. 4C



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

V. Katikaneni, et al.

Serial No.: 09/470,611

Filed: December 22, 1999

) Attorney Docket No.: E-956

) Group Art Unit: 2761

) Examiner:

) Date: June 27, 2000

COPY OF PAPERS
ORIGINALLY FILED

Title: MAILING SYSTEM HAVING FLEXIBLE PRINTING OF MESSAGES

STATEMENT OF FACTS

1. On December 8, 1997 Venkata M. Katikaneni commenced employment with Pitney Bowes Inc., a Delaware corporation having its world headquarters at One Elmcroft Road, Stamford, CT 06926 (hereinafter "Pitney Bowes").
2. As a condition of his employment, Mr. Katikaneni executed an INTELLECTUAL PROPERTY AND CONFIDENTIAL INFORMATION AGREEMENT (hereinafter "Agreement"), a true and accurate copy of which is attached as Attachment #1.
3. Among other requirements, the Agreement obligates Mr. Katikaneni to disclose any inventions to Pitney Bowes, assign all right, title and interest in any inventions to Pitney Bowes and execute any documents necessary for Pitney Bowes to acquire and perfect title to any intellectual property rights flowing from such inventions.
4. During the course of his employment, Mr. Katikaneni filled out, executed and submitted to the Intellectual Property & Technology Law department of Pitney Bowes an INVENTION DISCLOSURE form, identified by the Intellectual Property & Technology Law department as INVENTION DISCLOSURE #8259, a true and accurate copy of which is attached as Attachment #2.
5. Mr. Katikaneni terminated employment with Pitney Bowes on April 30, 1999.
6. On December 22, 1999 a patent application incorporating materials from INVENTION DISCLOSURE #8259 was filed by Pitney Bowes naming Venkata M. Katikaneni as an inventor.
7. On February 23, 2000 a letter was sent via certified mail to Mr. Venkata M. Katikaneni at 512 Limelight Ct., Edison, NJ, 08820 informing him of the filing of the patent application and enclosing: (i) a copy of the patent application for his review; (ii) a Declaration & Power of Attorney for his review and signature; and (iii) an Assignment for his review and signature.
8. The envelope containing the letter of February 23, 2000 was returned unopened by the United States Postal Service as undeliverable. The outside of the envelope indicates that the envelope had been forwarded

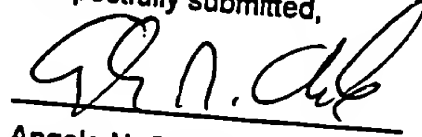
on two (2) occasions, but was returned to the sender due to a lack of a new forwarding address. A true and accurate copy of the envelope is attached as Attachment #3.

9. Subsequent to the activity described in Paragraph 8, Mr. Katikaneni contacted Pitney Bowes and provided 59 Rennell St., Unit 17, Bridgeport, CT 06604 as his new address and also provided a variety of phone numbers. This information was forwarded to the Intellectual Property & Technology Law department by the Human Resources department of Pitney Bowes.
10. During the week of March 13, 2000, co-inventor and attorney Mr. Angelo N. Chaclos spoke with Mr. Katikaneni by telephone and summarized the activities described in Paragraphs 6 and 7 and described the need for executed copies of the Declaration & Power of Attorney and Assignment documents.
11. On March 17, 2000 a letter was sent to Mr. Venkata M. Katikaneni at 59 Rennell St., Unit 17, Bridgeport, CT 06604 providing greater description of the previously described activities and requirements. During a subsequent telephone conversation with Mr. Chaclos, Mr. Katikaneni acknowledged receipt of the letter of March 17, 2000. A true and accurate copy of the letter of March 17, 2000 is attached as Attachment #4.
12. On April 4, 2000 a voicemail message was left for Mr. Katikaneni at 718 458 4711 inquiring about the status of the Declaration & Power of Attorney and Assignment documents and requesting that he contact Mr. Chaclos.
13. On April 26, 2000 a telephone call was placed by Mr. Chaclos to Mr. Katikaneni at 718 458 4711. An unidentified person that answered the call indicated that Mr. Katikaneni was present, but unavailable. The unidentified person agreed to relay a request to Mr. Katikaneni to contact Mr. Chaclos.
14. On May 12, 2000 a letter was sent via certified mail to Mr. Venkata M. Katikaneni at 59 Rennell St., Unit 17, Bridgeport, CT 06604 informing Mr. Katikaneni that unless he contacted Mr. Chaclos by a specified date, Pitney Bowes would seek to pursue the patent application without his assistance.
15. The envelope containing the letter of May 12, 2000 was returned unopened by the United States Postal Service as unclaimed. The outside of the envelope indicates that the delivery notices were provided on two (2) occasions and that the envelope was returned to the sender due to failure of the recipient to claim the envelope. A true and accurate copy of the envelope is attached as Attachment #5.
16. From April 4, 2000 through the filing of this Statement of Facts, no communications were received from Mr. Katikaneni.

I hereby declare that: (1) all statements made herein of my own knowledge are true and that all statements made on information and belief are

believed to be true; and (2) any attached copy is a true copy of the original document and (3) further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "A. N. Chaclos", written over a horizontal line.

Angelo N. Chaclos
Reg. No. 39,134
Attorney of Record
Telephone (203) 924-3844

INTELLECTUAL PROPERTY AND CONFIDENTIAL INFORMATION AGREEMENT

FULL NAME OF EMPLOYEE

Venkata M. Katikaneni

In consideration of my employment or continuation of employment by Pitney Bowes (hereinafter referred to as the Company) and/or its subsidiaries and affiliate companies and the compensation to be paid therefor, I hereby agree as follows:

Without further consideration, I will promptly disclose and assign to the Company all right, title and interest in all intellectual property (including, but not limited to patents, trade secrets, trademarks, copyrights, mask works, inventions, improvements, ideas, discoveries, software and other works of authorship), whether or not patentable or otherwise protectable, conceived, created or made by me, either alone or with others, during the term of my employment, and pertaining directly or indirectly to the Company's business or any potential extension thereof. The Company in its sole discretion may make changes of any nature whatsoever to such intellectual property. During the term of my employment and thereafter, without further consideration, I will execute all papers and perform all other acts which may be reasonably requested by the Company to vest title in the Company to all such intellectual property; or which may be requested by the Company to apply for, obtain, maintain, or enforce any United States or foreign right in any such intellectual property. I understand that any application for protection of intellectual property which I may file or which may be filed on my behalf within one year after the termination of my employment with the Company and which pertains directly or indirectly to work that I performed while employed by the Company shall be presumed to be based upon or to arise out of intellectual property that I conceived, created or made while I was employed by the Company.

I will not, during the term of my employment or thereafter, disclose to anyone outside the Company, or use for myself or for an entity other than the Company and/or its subsidiaries and affiliate companies, any information of a confidential nature relating to the technical, commercial or any other affairs of the Company, or any confidential information which the Company has received from a third party.

I will not disclose to the Company, or induce the Company to use, any information of a confidential nature belonging to others.

When my employment with the Company ends, I agree to deliver promptly to the Company all property of the Company in my possession or under my control, including but not limited to all notes, books, records, correspondence, drawings, software, program discs and other materials relating to the Company's business, products and projects, including all copies thereof.

I represent and warrant that entering into this Agreement will not constitute a default, breach or violation of any other agreement, including any prior employment or consulting agreements, of any other agreement to which I am a party.

"I HAVE READ THIS AGREEMENT AND UNDERSTAND AND AGREE TO ABIDE BY ITS TERMS.

SIGNATURE OF EMPLOYEE

Matchender

DATE OF SIGNING

12/08/97

WITNESS

James Humphries

CAB/MTR/ANC/SJS

PB DISCLOSURE NUMBER

8259

INVENTION DISCLOSURE

SUBMITTED BY (FULL NAME) Venkata Katikaneni		Department Mailing Systems Engineering	Page 1 of 1
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TITLE: ADVERTISEMENT PRINTING IN A POSTAGE METER USING DIGITAL PRINT ENGINES

SUBMITTER (S) SIGN AT END OF DESCRIPTION AND SEND DIRECTLY TO CORPORATE PATENT LAW DEPARTMENT

CONCEPTION	REDUCTION TO PRACTICE
------------	-----------------------

CONCEIVED ON	ENGINEERING NOTEBOOK	REDUCED TO PRACTICE ON	ENGINEERING NOTEBOOK
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DATE 19	NUMBER 1	PAGES	DATE 19	NUMBER 1	PAGES
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CONCEPTION DISCLOSED IN CONFIDENCE TO:		FIRST SUCCESSFUL TEST WITNESSED BY:	
1. (FULL NAME)		1. (FULL NAME)	
1. (FULL NAME)		1. (FULL NAME)	

DESCRIPTION: Include sketches and any pertinent information relating to records of tests, developments, etc. Attach any pertinent papers (include memos) which might aid in showing dates, conception, reduction to practice, experimentation, possible date of public disclosure, etc. Attach copies of pertinent pages from your laboratory notebook relating to this invention. Also include a statement of all prior art (patents, literature, etc.,) that you may be aware of which may relate to this disclosure.

Name the Pitney Bowes product or project relating to the invention: Meters and Digital Printing

Briefly describe how Pitney Bowes (its subsidiaries or affiliates) can benefit both technically and in a business sense from exploitation of this invention. This will be a new business for PBI, and will include services from Key Management Services, and PB Credit Corporation

BRIEF ABSTRACT OF INVENTION: This disclosure concerns printing of postal indicia in the normal position for mailpieces, and printing of advertisements or other announcements in the alternate corner of the same mailpiece. The print engine would be enabled after a customer downloads his graphic file into a meter through an interface such as the EIU. The print engine, within the restrictions of the size of the printing field will print the advertisement or announcement when the customer rotates the mailpiece to position it for printing on the opposite corner that the postal indicia is located on. The printed graphic indicia are inverted by default in the meter interface so that it reads in the same attitude as all other printed matter on the face of the mailpiece.

DETAILED DESCRIPTION:

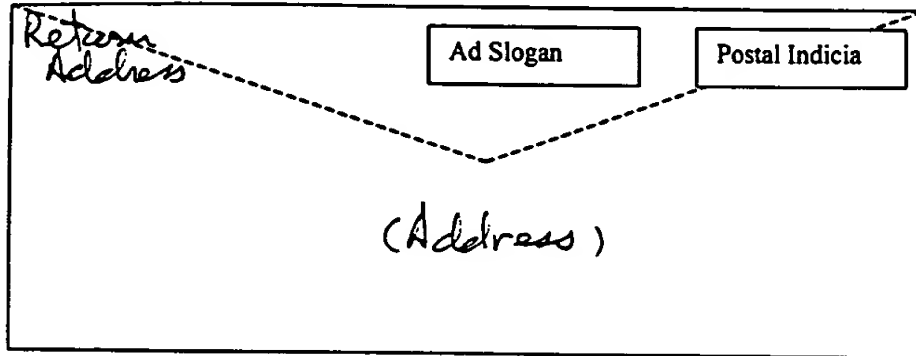
Background:

There is an opportunity to enhance the attractiveness of mailpieces to business or home users of postage meters. The ad slogan is still an option that can be used, and enhanced by the use of additional graphics entered on the lower left hand face of the envelope. Such graphics in the form of an advertisement, or announcement can be graphically transposed to the meter in the graphics file through a interface such as the EIU. The customer would simply invert the mailpiece either before or after printing the postal indicia to get the added print feature.

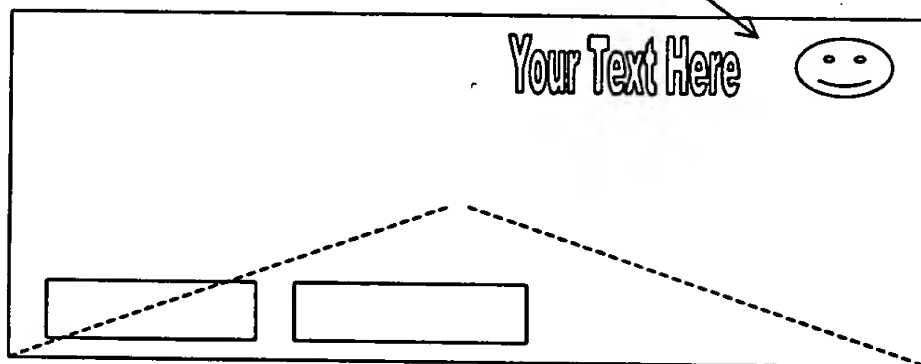
8259

PLEASE REFER TO THE ENCLOSE DRAWINGS AND BRIEF DESCRIPTION FOLLOWING:

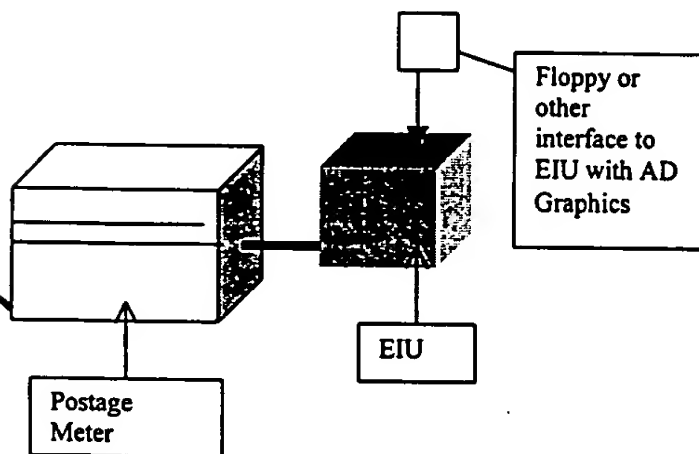
I. Print Postage

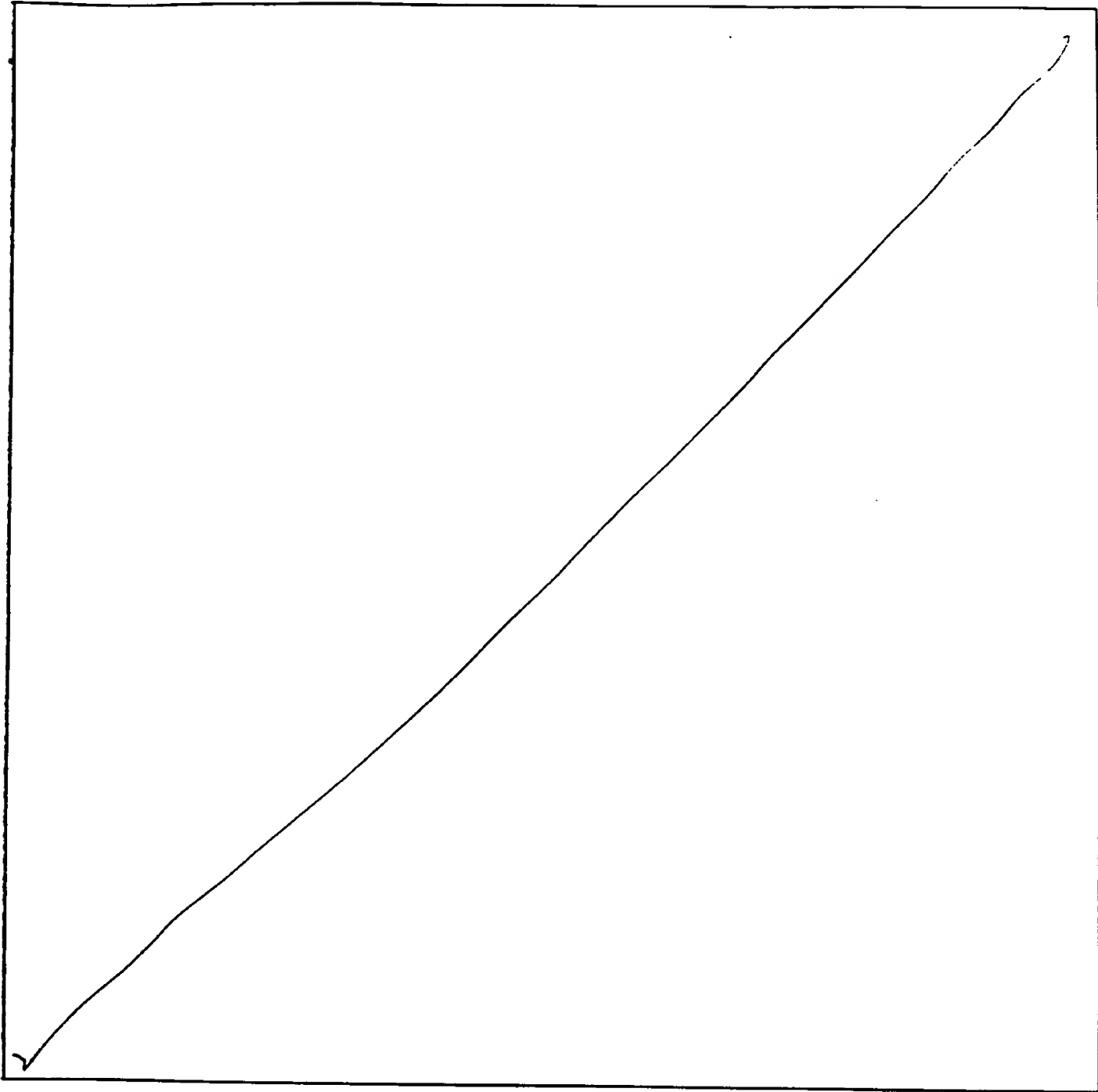


2. Invert Envelope 180 degrees and Print Ad



← Note - this would be printed to read in same direction as address information





SUBMITTER (S) SIGN AND DATE BELOW

Signature <i>Matthew</i>	Date <i>10/8/98</i>	Signature	Date
WITNESSED (TWO WITNESSES)			

READ AND UNDERSTOOD BY ME THIS <i>8th</i> DAY OF <i>October</i> 19 <i>98</i> SIGNED <i>Christian A. Beck</i>	READ AND UNDERSTOOD BY ME THIS DAY OF 19 SIGNED
IF MORE SPACE IS NEEDED, USE BACK PAGE ONLY OF ADDITIONAL COPIES OF THIS FORM BOTH SUBMITTERS AND WITNESSES SHOULD SIGN EACH ADDITIONAL COPY	

KE

**35 Waterview Drive
P.O. Box 3000
Shelton, CT 06484-8000**

To Mr. Venkata Katikaneni
512

Labord 8035

CERTIFIED

Fold at line over top of envelope to the right of the return address.

MAIL

1150 U.S. POSTAGE P8-221055
 9050 \$04.30 FEB 23 00
 5004 MAILED FROM ZIP CODE 06484

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

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